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Date of Signature and Deposit: December 1, 2006

Sara D. Vinarov

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robert J. Collier  
Michael Lohius  
Michael Grosz

Date: December 1, 2006

Serial No.: 10/572,989

Group Art Unit:

Filed: 09/21/2004

Examiner:

For: ADRENERGIC RECEPTOR SNP FOR  
IMPROVED MILKING CHARACTERISTICS

File No.: 920214.00002

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner For Patents  
P O Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a completed Form PTO/SB/08 listing documents that the applicants in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application.

No fee is believed to be due, but should any fee be due, please charge the fee to  
Deposit Account No. 17-0055.

Respectfully submitted,

Sara D. Vinarov  
Reg. No. 48,524  
Attorney for Applicants  
QUARLES & BRADY LLP  
P.O. Box 2113  
Madison, WI 53701-2113

TEL 608/251-5000  
FAX 608/251-9166



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P10/SB/08A (07-08)

**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Shee

of 2

<i><b>Complete if Known</b></i>	
Application Number	10/572,989
Filing Date	09/21/2004
First Named Inventor	Robert J. Collier
Art Unit	
Examiner Name	
Attorney Docket Number	920214.00002

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> , Number <sup>4</sup> , Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				<i>Complete if Known</i>	
				<i>Application Number</i>	10/572,989
				<i>Filing Date</i>	09/21/2004
				<i>First Named Inventor</i>	Robert J. Collier
				<i>Art Unit</i>	
				<i>Examiner Name</i>	
Sheet	2	of	2	<i>Attorney Docket Number</i>	920214.00002

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
		CARRON, J., et al., "Ontogenetic development of mRNA levels and binding sites of hepatic Beta-adrenergic . . .," Domestic Animal Endocrinology 28:320-330 (2005)				
		EINSPANIER, R., et al., Genebank submission for Bos taurus mRNA for beta-2-adrenergic receptor, Genebank No. Z86037.				
		INDERWIES, T., et al., "Detection and quantification of mRNA expression of Alpha-and Beta-adrenergic receptor . . .," Domestic Animal Endocrinology 24:123-135 (2003)				
		INDERWIES, T., et al., "Milking characteristics and their relation to adrenergic receptor mRNA expression and ligand . . .," Domestic Animal Endocrinology 25:275-286 (2003)				
		MEYLAN, M., et al, "Distribution of mRNA that codes for subtypes of adrenergic receptors in the gastrointestinal tract of dairy cows," AJVR 65:1142-1150 (2004)				
		GOETS, E., et al., "Relationship Between Milkability and Adrenoceptor concentrations in Teat Tissue in Primiparous Cows," J. Dairy Sci. 69:3120-3130 (1986)				
		ROTTING, A.K., "Effects of phenylbutazone, indomethacin, prostaglandin E2, butyrate, and glutamine on restitution of oxidant-injured right . . .," AJRV 65:1598-1595 (2004)				

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